

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
6 May 2005 (06.05.2005)

PCT

(10) International Publication Number  
**WO 2005/041469 A1**

- (51) International Patent Classification<sup>7</sup>: **H04L 1/18**
- (21) International Application Number:  
PCT/IB2004/052045
- (22) International Filing Date: 11 October 2004 (11.10.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:  
03103933.2 23 October 2003 (23.10.2003) EP
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Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE).
- (81) Designated States (unless otherwise indicated, for every  
kind of national protection available): AE, AG, AL, AM,  
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,  
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,  
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,  
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,  
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,  
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,  
ZW.
- (84) Designated States (unless otherwise indicated, for every  
kind of regional protection available): ARIPO (BW, GH,  
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,  
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,  
FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,  
SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,  
GW, ML, MR, NE, SN, TD, TG).
- Published:  
— with international search report
- For two-letter codes and other abbreviations, refer to the "Guid-  
ance Notes on Codes and Abbreviations" appearing at the begin-  
ning of each regular issue of the PCT Gazette.

(54) Title: DECODING AND RECONSTRUCTION OF DATA

Step 1: 0;

Step 2: 0+1, 1;

Step 3: 0+1+2, 1+2, 0+2, 2;

Step 4: 0+1+2+3, 1+2+3, 0+2+3, 2+3, 0+1+3, 1+3, 0+3, 3;

Step 5: 0+1+2+3+4, 1+2+3+4, 0+2+3+4, 2+3+4, 0+1+3+4,  
1+3+4, 0+3+4, 3+4, 0+1+2+4, 1+2+4, 0+2+4, 2+4,  
0+1+4, 1+4, 0+4, 4;

(57) Abstract: When applying chase combining in the retransmission protocol of a telecommunication system or other schemes of retransmission protocols which use selfdecodable incremental redundancy, it may not in all cases be the best solution to combine the initial transmission of data up to the latest received. retransmission of the data and then to perform an error determination of the combined decoding result. Advantageously, according to an exemplary embodiment of the present invention, a combination of selected ones of the initial transmission and the following received retransmissions is performed, resulting in a combined decoding result of the data, which may then be checked for errors.

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